



5219 N. Shirley St., #100  
Ruston, WA 98407  
P: (253) 752-2185  
F: (253) 752-7083  
www.pointruston.com

September 15, 2008

Mr. Kevin L. Rochlin  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, ECL-111  
Seattle, WA 98101

RE: Monthly Report: No. 147, August 2008  
Operable Unit No. 02  
Asarco Tacoma Smelter Site

Dear Mr. Rochlin:

Point Ruston is submitting this monthly report per the requirements of paragraph 48 of the Consent Decree for the above referenced site. Point Ruston will continue to provide monthly reports to EPA for the site organized in the same manner as previous reports prepared by Asarco to follow item (a) through (g) of this paragraph.

If you have any questions, please call me.

Sincerely,

A handwritten signature in black ink, appearing to read "Sue O'Neill", written in a cursive style.

Sue O'Neill  
Site Manager

Attachment (2 copies)

cc: Chung Ki Yee - Washington Department of Ecology  
Evan Griffiths - CH2MHill (2 copies)  
Leslie Ann Rose - Citizens for a Healthy Bay

Monthly Report No. 147, August 2008  
Operable Unit 02  
Asarco Tacoma Smelter Site

*A. Actions taken to achieve compliance with the Consent Decree during the previous month.*

1. A regular monthly design review meeting was not held in August.
2. Addendum to Asarco's final Upland Remediation Design (September 2006) are being prepared consistent with the Second Amendment to the Consent Decree.
3. Remedial Action activities continued.

*B. Summary of sampling, tests, and all other data received or generated by Point Ruston in the previous month.*

1. Outfall activities including the following:

Section 2.3 of the Final Statement of Work (SOW) for Remedial Design and Remedial Action – Exhibit F to the Second Amendment requires Point Ruston to continue outfall monitoring. Outfalls will be monitored to determine if the monthly average surface water outfall concentrations for arsenic, copper, and zinc exceed 0.5 ppm at the North and South site outfalls until they are abandoned.

Weekly composite samples will be collected at each outfall during the construction season. During the winter season, outfall samples will be collected every other month. Asarco began the following schedule in May of 2003 which Point Ruston will continue to implement: weekly composite samples will be collected from May-October, and in December, February, and April.

Monthly averages and individual results for samples collected by Point Ruston in July are attached. There was no exceedance of interim discharge limits.

Results for samples collected by Point Ruston in August have not been received from the laboratory to date and will be included in the next monthly report.

2. Point Ruston collects OCF leachate in a 5,000 gallon polyethylene tank for offsite shipment and disposal. LCRS and LDCRS volumes are monitored weekly in accordance with the draft OCF OMMP. LCRS volumes currently average approximately 209 gallons per day on the LCRS. Point Ruston shipped 4,950 gallons of leachate (5.9 ppm results attached) on August 18, 2008.
3. Point Ruston completes perimeter air monitoring at three locations on the site: NW Corner of OCF, OCF Vault #1 (lower vault), Scalehouse. Air monitoring for the 2008 construction season began on April 10<sup>th</sup>, 2008. Results for samples collected from July 28<sup>th</sup> through August 15<sup>th</sup> are attached. There were no exceedances. Air monitoring results are also transmitted electronically to EPA for posting on the Region 10 website.

Monthly Report No. 147, August 2008  
Operable Unit 02  
Asarco Tacoma Smelter Site

*C. Work Plans and other deliverables completed and submitted during the previous month.*

1. Remedial Action during August included the following tasks:

- OCF construction activities:
  - Maintained leachate collection system and shipped leachate for offsite treatment as necessary to maintain adequate storage capacity in the temporary storage tank.
- Stack Hill construction activities:
  - Maintained erosion and surface water controls
  - Continued home construction.
  - Removed Stack Hill perimeter fence on 49<sup>th</sup> St and Baltimore. Installed site perimeter fence at the north end of Stack Hill.
- Site-wide remediation/redevelopment activities:
  - Continued surface water controls
  - Maintained haul roads and stockpiles onsite
  - Maintained erosion and surface water controls
  - Continued Building 2A construction

*D. Actions scheduled for the next six weeks.*

1. Point Ruston plans to submit the Temporary Capping Plan for the northern face of Stack Hill for EPA review and approval.
2. Point Ruston plans to submit a Temporary Cap Test Pad plan for the lower Point Ruston site for EPA review and approval.
3. Point Ruston plans to submit the Phase I remediation design for EPA review and approval.
4. The following Remedial Action tasks are planned to continue:
  - RA Monitoring:
    - Outfall sampling (weekly composite samples) during scheduled months
    - Air monitoring during remedial action activities
  - OCF construction activities:
    - Continue collection of leachate for offsite disposal
    - Continue monitoring of leachate volumes
  - Stack Hill construction activities:
    - Erosion controls and site maintenance
    - Continue home construction
  - Site-wide construction activities:
    - Continue surface water controls
    - Maintain roads and stockpiles onsite

Monthly Report No. 147, August 2008

Operable Unit 02

Asarco Tacoma Smelter Site

- Maintain erosion controls
- Continue Building 2A construction
- Construct Temporary Cap test area

*E. Percentage completion, unresolved delays encountered or anticipated that may affect schedule, and efforts to mitigate delays.*

1. Point Ruston is completing permitting for development on the lower site with the City of Tacoma including a shoreline development permit and building permits.

*F. Modifications to work plans or schedules proposed to or approved by EPA.*

1. The Second Amendment to the Consent Decree was finalized and the sale of the property to Point Ruston LLC completed on October 31, 2006.

*G. Activities undertaken to support Community Relations Plan during the previous month and planned for the next four weeks.*

1. Point Ruston attends the Town of Ruston's Town Council meetings routinely to answer question or give briefings regarding the status of RA and development planning activities (1<sup>st</sup> and 3<sup>rd</sup> Monday of each month).
2. Point Ruston is working with the City of Tacoma on development plans which incorporate remediation components for the site.
3. Point Ruston is working with MetroParks to incorporate the capping component into the Peninsula Park design.
4. Point Ruston meets with the Town of Ruston, City of Tacoma and MetroParks to address operation, maintenance, and monitoring issues at the site.

Table 1. Summary of July 2008 Outfall Data for As, Cu, and Zn Compared to SOW Limit

Location	As Conc. ppm	% of SOW Limit*	Cu Conc. ppm	% of SOW Limit*	Zn Conc. ppm	% of SOW Limit*
South Outfall	0.035	7.04%	0.006	1.20%	0.004	0.80%
North Outfall	0.018	3.64%	0.006	1.20%	0.002	0.40%

\* 0.5 ppm is the limit of As, Cu, and Zn allowed as documented in the SOW.



LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter OCF Leachate  
Lab ID: B08080272-001  
Client Sample ID: TSM080804

Report Date: 08/11/08  
Collection Date: 08/04/08 08:40  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	5.9	mg/L		0.1		E200.7	08/07/08 15:49 / rth

Report Definitions: RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



RECEIVED  
AUG 22 2008  
By \_\_\_\_\_

**\*\* REPORT \*\***

Point Ruston LLC  
Tim Rusher  
5219 N Shirley St Ste 100  
Tacoma WA 98407



## ANALYTICAL SUMMARY REPORT

August 13, 2008

Tim Rusher  
Point Ruston LLC  
5219 N Shirley St Ste 100  
Tacoma, WA 98407

Workorder No.: B08080284

Project Name: Tacoma Smelter Outfall Monitoring

Energy Laboratories Inc received the following 10 samples from Point Ruston LLC on 8/5/2008 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B08080284-001	N, TSM0708407	07/07/08 10:00	08/05/08	Aqueous	Metals by ICP/ICPMS, Total Metals Digestion by EPA 200.2
B08080284-002	S, TSM0708107	07/07/08 8:57	08/05/08	Aqueous	Same As Above
B08080284-003	N, TSM0708414	07/14/08 9:32	08/05/08	Aqueous	Same As Above
B08080284-004	S, TSM0708114	07/14/08 7:33	08/05/08	Aqueous	Same As Above
B08080284-005	N, TSM0708421	07/21/08 10:12	08/05/08	Aqueous	Same As Above
B08080284-006	S, TSM0708121	07/21/08 8:16	08/05/08	Aqueous	Same As Above
B08080284-007	N, TSM0708428	07/28/08 9:41	08/05/08	Aqueous	Same As Above
B08080284-008	S, TSM0708128	07/28/08 10:07	08/05/08	Aqueous	Same As Above
B08080284-009	N, TSM0808404	08/04/08 10:25	08/05/08	Aqueous	Same As Above
B08080284-010	S, TSM0808104	08/04/08 10:02	08/05/08	Aqueous	Same As Above

Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: \_\_\_\_\_

*Cindy Bohmer*



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-001  
Client Sample ID: N, TSM0708407

Report Date: 08/13/08  
Collection Date: 07/07/08 10:00  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.018	mg/L		0.005		E200.8	08/08/08 05:23 / aje
Copper	ND	mg/L		0.01		E200.8	08/08/08 05:23 / aje
Zinc	ND	mg/L		0.01		E200.8	08/08/08 05:23 / aje

Report RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-002  
Client Sample ID: S, TSM0708107

Report Date: 08/13/08  
Collection Date: 07/07/08 08:57  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.036	mg/L		0.005		E200.8	08/08/08 05:31 / aje
Copper	0.01	mg/L		0.01		E200.8	08/08/08 05:31 / aje
Zinc	0.02	mg/L		0.01		E200.8	08/08/08 05:31 / aje

Report RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-003  
Client Sample ID: N, TSM0708414

Report Date: 08/13/08  
Collection Date: 07/14/08 09:32  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.017	mg/L		0.005		E200.8	08/08/08 05:39 / aje
Copper	ND	mg/L		0.01		E200.8	08/08/08 05:39 / aje
Zinc	ND	mg/L		0.01		E200.8	08/08/08 05:39 / aje

Report Definitions: RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-004  
Client Sample ID: S, TSM0708114

Report Date: 08/13/08  
Collection Date: 07/14/08 07:33  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.034	mg/L		0.005		E200.8	08/08/08 05:46 / aje
Copper	ND	mg/L		0.01		E200.8	08/08/08 05:46 / aje
Zinc	ND	mg/L		0.01		E200.8	08/08/08 05:46 / aje

Report RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-005  
Client Sample ID: N, TSM0708421

Report Date: 08/13/08  
Collection Date: 07/21/08 10:12  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.017	mg/L		0.005		E200.8	08/08/08 05:54 / aje
Copper	ND	mg/L		0.01		E200.8	08/08/08 05:54 / aje
Zinc	ND	mg/L		0.01		E200.8	08/08/08 05:54 / aje

Report RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-006  
Client Sample ID: S, TSM0708121

Report Date: 08/13/08  
Collection Date: 07/21/08 08:16  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.032	mg/L		0.005		E200.8	08/08/08 06:25 / aje
Copper	ND	mg/L		0.01		E200.8	08/08/08 06:25 / aje
Zinc	ND	mg/L		0.01		E200.8	08/08/08 06:25 / aje

Report RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-007  
Client Sample ID: N, TSM0708428

Report Date: 08/13/08  
Collection Date: 07/28/08 09:41  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.020	mg/L		0.005		E200.8	08/08/08 06:33 / aje
Copper	0.02	mg/L		0.01		E200.8	08/08/08 06:33 / aje
Zinc	0.01	mg/L		0.01		E200.8	08/08/08 06:33 / aje

Report RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-008  
Client Sample ID: S, TSM0708128

Report Date: 08/13/08  
Collection Date: 07/28/08 10:07  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.031	mg/L		0.005		E200.8	08/09/08 08:19 / aje
Copper	ND	mg/L		0.01		E200.8	08/09/08 08:19 / aje
Zinc	ND	mg/L		0.01		E200.8	08/09/08 08:19 / aje

Report  
Definitions: RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-009  
Client Sample ID: N, TSM0808404

Report Date: 08/13/08  
Collection Date: 08/04/08 10:25  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.019	mg/L		0.005		E200.8	08/08/08 07:19 / aje
Copper	0.01	mg/L		0.01		E200.8	08/09/08 07:52 / aje
Zinc	ND	mg/L		0.01		E200.8	08/08/08 07:19 / aje

Report RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



### LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Monitoring  
Lab ID: B08080284-010  
Client Sample ID: S, TSM0808104

Report Date: 08/13/08  
Collection Date: 08/04/08 10:02  
Date Received: 08/05/08  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.043	mg/L		0.005		E200.8	08/08/08 18:27 / jjw
Copper	0.02	mg/L		0.01		E200.8	08/08/08 18:27 / jjw
Zinc	ND	mg/L		0.01		E200.8	08/08/08 18:27 / jjw

Report RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.

CHAIN OF CUSTODY RECORD

# POINT RUSTON

5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
 Phone: 253-752-2185 Fax: 253-752-7083

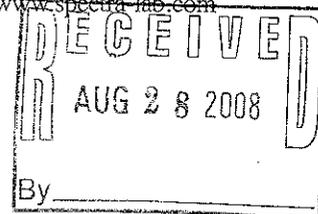
PROJ. NO		PROJECT NAME				NO. OF CONTAINERS	REMARKS
TACOMA SMELTER		OUT FALL MONITORING					
SAMPLER'S (Signature) <i>Jeff Posh</i>							
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		
7/7/08	N	1000	✓		TSM0708407	1	TOTAL METALS AS, CU, ZN Zinc Pres. P. 10/10/08 808080284-1 -2 -3 PLEASE E-MAIL RESULTS TO: -4 -5 -6 TIMZ@POINTRUSTON.COM -8 -9 -10
7/7/08	S	8:57	✓		TSM0708107	1	
7/14/08	N	9:32	✓		TSM0708414	1	
7/14/08	S	7:33	✓		TSM0708114	1	
7/21/08	N	10:2	✓		TSM0708421	1	
7/21/08	S	8:16	✓		TSM0708121	1	
7/28/08	N	9:41	✓		TSM0708428	1	
7/28/08	S	10:07	✓		TSM0708128	1	
8/4/08	N	10:25	✓		TSM0808404	1	
8/4/08	S	10:02	✓		TSM0808104	1	

Relinquished (Signature) <i>Jeff Posh</i>	Date/Time 8/4/08 (FedEx)	Received by: (Signature)	Lab	Shipped via <input checked="" type="checkbox"/> FedEx UPS or Other
Relinquished (Signature)	Date/Time	Received by: (Signature)	Remarks	Air Bill #
Relinquished (Signature)	Date/Time	Received for Laboratory by: (Signature) <i>Ansa Gancay</i>	Date/Time 8-5-08 9:00	Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
			Split Samples: <input type="checkbox"/> Accepted <input type="checkbox"/> Declined	Signature

*FedEx Express  
Seals on bottles  
10° on 1 L*

# SPECTRA Laboratories

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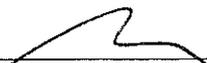
08/26/2008

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)  
Sample Matrix: Filter  
Date Sampled: 07/28/2008  
Date Received: 08/04/2008  
Spectra Project: 2008080039

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
7001115	1	Arsenic	0.06	µg/m3	SW846 6010B
7001115	1	Cadmium	< 0.005	µg/m3	SW846 6010B
7001115	1	Lead	< 0.05	µg/m3	SW846 6010B
7001113	2	Arsenic	< 0.05	µg/m3	SW846 6010B
7001113	2	Cadmium	< 0.005	µg/m3	SW846 6010B
7001113	2	Lead	< 0.05	µg/m3	SW846 6010B
7001114	3	Arsenic	< 0.05	µg/m3	SW846 6010B
7001114	3	Cadmium	< 0.005	µg/m3	SW846 6010B
7001114	3	Lead	< 0.05	µg/m3	SW846 6010B
7001116	4	Arsenic	< 0.05	µg/m3	SW846 6010B
7001116	4	Cadmium	< 0.005	µg/m3	SW846 6010B
7001116	4	Lead	< 0.05	µg/m3	SW846 6010B
7001118	5	Arsenic	< 0.05	µg/m3	SW846 6010B
7001118	5	Cadmium	< 0.005	µg/m3	SW846 6010B
7001118	5	Lead	< 0.05	µg/m3	SW846 6010B
7001117	6	Arsenic	< 0.05	µg/m3	SW846 6010B
7001117	6	Cadmium	< 0.005	µg/m3	SW846 6010B
7001117	6	Lead	< 0.05	µg/m3	SW846 6010B
7001112	7	Arsenic	< 0.05	µg/m3	SW846 6010B
7001112	7	Cadmium	< 0.005	µg/m3	SW846 6010B
7001112	7	Lead	< 0.05	µg/m3	SW846 6010B
7001110	8	Arsenic	< 0.05	µg/m3	SW846 6010B
7001110	8	Cadmium	< 0.005	µg/m3	SW846 6010B

SPECTRA LABORATORIES

  
Steve Hibbs, Laboratory Manager

a7/scj



# SPECTRA Laboratories

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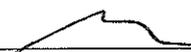
08/26/2008

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)  
Sample Matrix: Filter  
Date Sampled: 07/30/2008  
Date Received: 08/04/2008  
Spectra Project: 2008080039

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
7001110	8	Lead	< 0.05	µg/m3	SW846 6010B
7001111	9	Arsenic	< 0.05	µg/m3	SW846 6010B
7001111	9	Cadmium	< 0.005	µg/m3	SW846 6010B
7001111	9	Lead	< 0.05	µg/m3	SW846 6010B
7001109	10	Arsenic	< 0.05	µg/m3	SW846 6010B
7001109	10	Cadmium	< 0.005	µg/m3	SW846 6010B
7001109	10	Lead	< 0.05	µg/m3	SW846 6010B
7001108	11	Arsenic	< 0.05	µg/m3	SW846 6010B
7001108	11	Cadmium	< 0.005	µg/m3	SW846 6010B
7001108	11	Lead	< 0.05	µg/m3	SW846 6010B
7001107	12	Arsenic	< 0.05	µg/m3	SW846 6010B
7001107	12	Cadmium	< 0.005	µg/m3	SW846 6010B
7001107	12	Lead	< 0.05	µg/m3	SW846 6010B
7001103	13	Arsenic	< 0.05	µg/m3	SW846 6010B
7001103	13	Cadmium	< 0.005	µg/m3	SW846 6010B
7001103	13	Lead	< 0.05	µg/m3	SW846 6010B
7001105	14	Arsenic	< 0.05	µg/m3	SW846 6010B
7001105	14	Cadmium	< 0.005	µg/m3	SW846 6010B
7001105	14	Lead	< 0.05	µg/m3	SW846 6010B
7001104	15	Arsenic	< 0.05	µg/m3	SW846 6010B
7001104	15	Cadmium	< 0.005	µg/m3	SW846 6010B
7001104	15	Lead	< 0.05	µg/m3	SW846 6010B
7001106	16	Arsenic	< 0.05	µg/m3	SW846 6010B

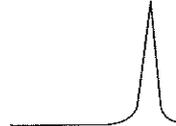
SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager

a7/scj

Page 2 of 3



# SPECTRA Laboratories

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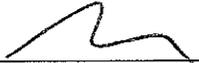
08/26/2008

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)  
Sample Matrix: Filter  
Date Sampled: 07/30/2008  
Date Received: 08/04/2008  
Spectra Project: 2008080039

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
7001106	16	Cadmium	<0.005	µg/m3	SW846 6010B
7001106	16	Lead	<0.05	µg/m3	SW846 6010B

SPECTRA LABORATORIES

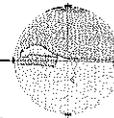


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Steve Hibbs, Laboratory Manager

a7/scj

Page 3 of 3



CHAIN OF CUSTODY RECORD

2008080039

PROJ. NO		PROJECT NAME				NO. OF CONTAINERS	REMARKS				
AIR MONITORING		POINT RUSTON, LLC.									
SAMPLERS: (Signature)						As, Pb, Cd					
<i>[Signature]</i>											
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER						
7/28/08	SH		✓		7001115	1	✓				
7/28/08	CF VI		✓		7001113	1	✓				
7/28/08	CF NW		✓		7001114	1	✓				
7/29/08	SH		✓		7001116	1	✓				
7/29/08	CF VI		✓		7001118	1	✓				
7/29/08	CF NW		✓		7001117	1	✓				
7/30/08	SH		✓		7001112	1	✓				
7/30/08	CF VI		✓		7001110	1	✓				
7/30/08	CF NW		✓		7001111	1	✓				
7/31/08	SH		✓		7001104	1	✓				
7/31/08	CF VI		✓		7001108	1	✓				
7/31/08	CF NW		✓		7001107	1	✓				
8/1/08	SH		✓		7001103	1	✓				
8/1/08	CF VI		✓		7001105	1	✓				
8/1/08	CF NW		✓		7001104	1	✓				
Relinquished (Signature)			Date/Time		Received by: (Signature)		Lab		Shipped via: FedEx, UPS or Other		
<i>[Signature]</i>			8/4/08 1:15		<i>[Signature]</i>		Spectra		Air Bill #		
Relinquished (Signature)			Date/Time		Received by: (Signature)		Remarks				
Relinquished (Signature)			Date/Time		Received for Laboratory by: (Signature)		Date/Time		Enclosed:		
									<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter		
Split Samples:						[ ] Accepted [ ] Declined					
						Signature: _____					

PAGE 2 OF 2

2008080039



5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

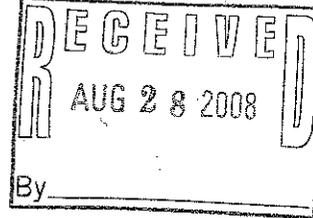
CHAIN OF CUSTODY RECORD

PROJ. NO		PROJECT NAME					NO. OF CONTAINERS	REMARKS							
AIR MONITORING		POINT RUSTON, L.L.C.													
SAMPLERS: (Signature) <i>Frank Boh</i>															
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		1	AS, Pb, Cd							
7/30/08	CONTR 2			✓	70011060							✓			
Relinquished (Signature) <i>Frank Boh</i>			Date/Time 8/4/08 1:15		Received by: (Signature) <i>John ...</i>		Lab Spectra		Shipped via: FedEx, UPS or Other _____ Air Bill # _____						
Relinquished (Signature)			Date/Time		Received by: (Signature)		Remarks								
Relinquished (Signature)			Date/Time		Received for Laboratory by: (Signature)		Date/Time		Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter						

Split Samples:  
[ ] Accepted [ ] Declined \_\_\_\_\_  
Signature

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08/26/2008

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-vol)  
Sample Matrix: Filter  
Date Sampled: 08/04/2008  
Date Received: 08/12/2008  
Spectra Project: 2008080186

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
6998900	1	Arsenic	< 0.05	µg/m3	SW846 6010B
6998900	1	Cadmium	< 0.005	µg/m3	SW846 6010B
6998900	1	Lead	< 0.05	µg/m3	SW846 6010B
7001102	2	Arsenic	< 0.05	µg/m3	SW846 6010B
7001102	2	Cadmium	< 0.005	µg/m3	SW846 6010B
7001102	2	Lead	< 0.05	µg/m3	SW846 6010B
7001101	3	Arsenic	< 0.05	µg/m3	SW846 6010B
7001101	3	Cadmium	< 0.005	µg/m3	SW846 6010B
7001101	3	Lead	< 0.05	µg/m3	SW846 6010B
6998899	4	Arsenic	< 0.05	µg/m3	SW846 6010B
6998899	4	Cadmium	< 0.005	µg/m3	SW846 6010B
6998899	4	Lead	< 0.05	µg/m3	SW846 6010B
6998897	5	Arsenic	< 0.05	µg/m3	SW846 6010B
6998897	5	Cadmium	< 0.005	µg/m3	SW846 6010B
6998897	5	Lead	< 0.05	µg/m3	SW846 6010B
6998898	6	Arsenic	< 0.05	µg/m3	SW846 6010B
6998898	6	Cadmium	< 0.005	µg/m3	SW846 6010B
6998898	6	Lead	< 0.05	µg/m3	SW846 6010B
6998896	7	Arsenic	0.08	µg/m3	SW846 6010B
6998896	7	Cadmium	< 0.005	µg/m3	SW846 6010B
6998896	7	Lead	0.06	µg/m3	SW846 6010B
6998895	8	Arsenic	< 0.05	µg/m3	SW846 6010B
6998895	8	Cadmium	< 0.005	µg/m3	SW846 6010B

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager

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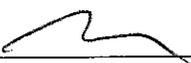
08/26/2008

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

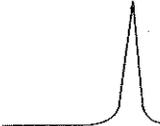
Project: Air Monitoring (Hi-vol)  
Sample Matrix: Filter  
Date Sampled: 08/06/2008  
Date Received: 08/12/2008  
Spectra Project: 2008080186

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
6998895	8	Lead	< 0.05	µg/m3	SW846 6010B
6998894	9	Arsenic	< 0.05	µg/m3	SW846 6010B
6998894	9	Cadmium	< 0.005	µg/m3	SW846 6010B
6998894	9	Lead	< 0.05	µg/m3	SW846 6010B
6998893	10	Arsenic	< 0.05	µg/m3	SW846 6010B
6998893	10	Cadmium	< 0.005	µg/m3	SW846 6010B
6998893	10	Lead	< 0.05	µg/m3	SW846 6010B
6998892	11	Arsenic	< 0.05	µg/m3	SW846 6010B
6998892	11	Cadmium	< 0.005	µg/m3	SW846 6010B
6998892	11	Lead	< 0.05	µg/m3	SW846 6010B
6998891	12	Arsenic	< 0.05	µg/m3	SW846 6010B
6998891	12	Cadmium	< 0.005	µg/m3	SW846 6010B
6998891	12	Lead	< 0.05	µg/m3	SW846 6010B
6998889	13	Arsenic	0.06	µg/m3	SW846 6010B
6998889	13	Cadmium	< 0.005	µg/m3	SW846 6010B
6998889	13	Lead	0.06	µg/m3	SW846 6010B
6998887	14	Arsenic	< 0.05	µg/m3	SW846 6010B
6998887	14	Cadmium	< 0.005	µg/m3	SW846 6010B
6998887	14	Lead	< 0.05	µg/m3	SW846 6010B
6998888	15	Arsenic	< 0.05	µg/m3	SW846 6010B
6998888	15	Cadmium	< 0.005	µg/m3	SW846 6010B
6998888	15	Lead	< 0.05	µg/m3	SW846 6010B
6998890	16	Arsenic	< 0.05	µg/m3	SW846 6010B

SPECTRA LABORATORIES

  
Steve Hibbs, Laboratory Manager

a7/scj



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08/26/2008

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-vol)  
Sample Matrix: Filter  
Date Sampled: 08/06/2008  
Date Received: 08/12/2008  
Spectra Project: 2008080186

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
6998890	16	Cadmium	< 0.005	µg/m <sup>3</sup>	SW846 6010B
6998890	16	Lead	< 0.05	µg/m <sup>3</sup>	SW846 6010B

SPECTRA LABORATORIES



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Steve Hibbs, Laboratory Manager

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PAGE 1 of 2  
2008080186

CHAIN OF CUSTODY RECORD

PROJ. NO		PROJECT NAME				NO. OF CONTAINERS	REMARKS			
AIR MONITORING		POINT RUSTON, LLC (Hi Vol)								
SAMPLERS: (Signature)						As, Pb, Cd				
<i>[Signature]</i>										
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER					
8/4/08	SH		✓		6998890	1	✓			
8/4/08	CF V1		✓		7001102	1	✓			
8/4/08	CF NW		✓		7001101	1	✓			
8/5/08	SH		✓		6998899	1	✓			
8/5/08	CF V1		✓		6998897	1	✓			
8/5/08	CF NW		✓		6998898	1	✓			
8/6/08	SH		✓		6998896	1	✓			
8/6/08	CF V1		✓		6998895	1	✓			
8/6/08	CF NW		✓		6998894	1	✓			
8/7/08	SH		✓		6998893	1	✓			
8/7/08	CF V1		✓		6998892	1	✓			
8/7/08	CF NW		✓		6998891	1	✓			
8/8/08	SH		✓		6998889	1	✓			
8/8/08	CF V1		✓		6998887	1	✓			
8/8/08	CF NW		✓		6998888	1	✓			

Relinquished (Signature)	Date/Time	Received by: (Signature)	Lab	Shipped via: FedEx, UPS or Other
<i>[Signature]</i>	8-12-08 11:10	<i>[Signature]</i>	Spectra	Air Bill #
Relinquished (Signature)	Date/Time	Received by: (Signature)	Remarks	
Relinquished (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Enclosed:
				<input type="checkbox"/> Parameter List with DTLs
				<input type="checkbox"/> Cover Letter
Split Samples:			[ ] Accepted [ ] Declined	
			Signature	

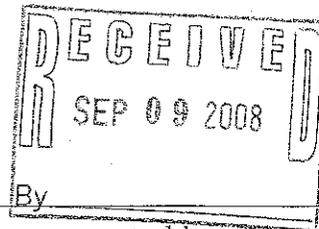
CHAIN OF CUSTODY RECORD

2008080186

PROJ. NO		PROJECT NAME					NO. OF CONTAINERS	REMARKS				
AIR MONITORING		POINT RUSTON, LLC (HI-VOL)										
SAMPLERS: (Signature)												
[Signature]							AS PLO. CD					
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER							
8/10/08	INTL 2			✓	6998890							
Relinquished (Signature)			Date/Time		Received by: (Signature)		Lab		Shipped via: FedEx, UPS or Other			
[Signature]			8-12-08 11:10		Marie Holt		Spectra		Air Bill #			
Relinquished (Signature)			Date/Time		Received by: (Signature)		Remarks					
Relinquished (Signature)			Date/Time		Received for Laboratory by: (Signature)		Date/Time		Enclosed:			
									<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter			
Split Samples:												
[ ] Accepted [ ] Declined												
										Signature		

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09/05/2008

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

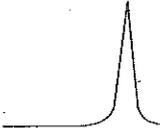
Project: Air Monitoring (Hi-vol)  
Sample Matrix: Filter  
Date Sampled: 08/11/2008  
Date Received: 08/18/2008  
Spectra Project: 2008080304

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
6998886	1	Arsenic	<0.05	µg/m3	SW846 6010B
6998886	1	Cadmium	<0.005	µg/m3	SW846 6010B
6998886	1	Lead	<0.05	µg/m3	SW846 6010B
6998885	2	Arsenic	<0.05	µg/m3	SW846 6010B
6998885	2	Cadmium	<0.005	µg/m3	SW846 6010B
6998885	2	Lead	<0.05	µg/m3	SW846 6010B
6998884	3	Arsenic	<0.05	µg/m3	SW846 6010B
6998884	3	Cadmium	<0.005	µg/m3	SW846 6010B
6998884	3	Lead	<0.05	µg/m3	SW846 6010B
6998883	4	Arsenic	<0.05	µg/m3	SW846 6010B
6998883	4	Cadmium	<0.005	µg/m3	SW846 6010B
6998883	4	Lead	<0.05	µg/m3	SW846 6010B
6998882	5	Arsenic	<0.05	µg/m3	SW846 6010B
6998882	5	Cadmium	<0.005	µg/m3	SW846 6010B
6998882	5	Lead	<0.05	µg/m3	SW846 6010B
6998881	6	Arsenic	<0.05	µg/m3	SW846 6010B
6998881	6	Cadmium	<0.005	µg/m3	SW846 6010B
6998881	6	Lead	<0.05	µg/m3	SW846 6010B
6998880	7	Arsenic	<0.05	µg/m3	SW846 6010B
6998880	7	Cadmium	<0.005	µg/m3	SW846 6010B
6998880	7	Lead	<0.05	µg/m3	SW846 6010B
6998879	8	Arsenic	<0.05	µg/m3	SW846 6010B
6998879	8	Cadmium	<0.005	µg/m3	SW846 6010B

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager

a7/scj



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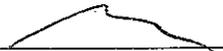
09/05/2008

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-vol)  
Sample Matrix: Filter  
Date Sampled: 08/13/2008  
Date Received: 08/18/2008  
Spectra Project: 2008080304

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
6998879	8	Lead	< 0.05	µg/m3	SW846 6010B
6998878	9	Arsenic	< 0.05	µg/m3	SW846 6010B
6998878	9	Cadmium	< 0.005	µg/m3	SW846 6010B
6998878	9	Lead	< 0.05	µg/m3	SW846 6010B
6998877	10	Arsenic	< 0.05	µg/m3	SW846 6010B
6998877	10	Cadmium	< 0.005	µg/m3	SW846 6010B
6998877	10	Lead	< 0.05	µg/m3	SW846 6010B
6998876	11	Arsenic	< 0.05	µg/m3	SW846 6010B
6998876	11	Cadmium	< 0.005	µg/m3	SW846 6010B
6998876	11	Lead	< 0.05	µg/m3	SW846 6010B
6998875	12	Arsenic	< 0.05	µg/m3	SW846 6010B
6998875	12	Cadmium	< 0.005	µg/m3	SW846 6010B
6998875	12	Lead	< 0.05	µg/m3	SW846 6010B
6998874	13	Arsenic	< 0.05	µg/m3	SW846 6010B
6998874	13	Cadmium	< 0.005	µg/m3	SW846 6010B
6998874	13	Lead	< 0.05	µg/m3	SW846 6010B
6998873	14	Arsenic	< 0.05	µg/m3	SW846 6010B
6998873	14	Cadmium	< 0.005	µg/m3	SW846 6010B
6998873	14	Lead	< 0.05	µg/m3	SW846 6010B
6998872	15	Arsenic	< 0.05	µg/m3	SW846 6010B
6998872	15	Cadmium	< 0.005	µg/m3	SW846 6010B
6998872	15	Lead	< 0.05	µg/m3	SW846 6010B
6998871	16	Arsenic	< 0.05	µg/m3	SW846 6010B

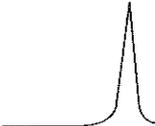
SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager

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09/05/2008

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-vol)  
Sample Matrix: Filter  
Date Sampled: 08/14/2008  
Date Received: 08/18/2008  
Spectra Project: 2008080304

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
6998871	16	Cadmium	< 0.005	µg/m3	SW846 6010B
6998871	16	Lead	< 0.05	µg/m3	SW846 6010B

SPECTRA LABORATORIES

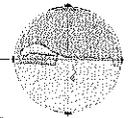


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Steve Hibbs, Laboratory Manager

a7/scj

2008080304



CHAIN OF CUSTODY RECORD

PROJ. NO		PROJECT NAME				NO. OF CONTAINERS	REMARKS
AIR MONITORING		POINT RUSTON, LLC (Hi-Vol)					
SAMPLERS: (Signature)						As. Pb. Co.	
 JEN RUSHER							
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		
8/11/08	SH		✓		6998886	✓	
8/11/08	CF-VI		✓		6998885	✓	
8/11/08	CF-NW		✓		6998884	✓	
8/12/08	SH		✓		6998883	✓	
8/12/08	CF-VI		✓		6998882	✓	
8/12/08	CF-NW		✓		6998881	✓	
8/13/08	SH		✓		6998880	✓	
8/13/08	CF-VI		✓		6998879	✓	
8/13/08	CF-NW		✓		6998878	✓	
8/14/08	SH		✓		6998877	✓	
8/14/08	CF-VI		✓		6998876	✓	
8/14/08	CF-NW		✓		6998875	✓	
8/15/08	SH		✓		6998874	✓	
8/15/08	CF-VI		✓		6998873	✓	
8/15/08	CF-NW		✓		6998872	✓	

Relinquished (Signature)	Date/Time	Received by: (Signature)	Lab	Shipped via: FedEx, UPS or Other
			Section	
Relinquished (Signature)	Date/Time	Received by: (Signature)	Remarks	
Relinquished (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Enclosed:
				<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter

Split Samples:  
 Accepted  Declined

Signature \_\_\_\_\_

